

Coldstream Downs Dairy Farm

September 2014 Farm Report

Interpreted information covering the feed supply & stock on hand taken from the Farmwise Report 23rd September 2014

COVER

	ACTUAL	TARGET
Average Cover	2235	2200
Pre Graze	>3100	3200
Post Graze	>1550	1600
Growth	35	
Round Days	38	

Key

Kgdm = kgs of dry matter
 Kgms = kgs of milk solids
 Ha = hectare
 R1's = Rising 1 year olds
 R2's = Rising 2 year olds
 MA = Mixed age cows
 Total Farm Area = 350ha
 Effective area = 309ha

Area/Cover Summary				
Area	Total	Effective	Grass	Winter Crop
Existing Milking Platform	350	309	298.0	11

There is adequate cover of grass but still require supplement feeding to meet cow requirements on target round. Good quality wedge of grass and most of the farm is in a good growing state. Coldstream have had a good start to the season.

FEED SUPPLY

			kgdm	Kgdm/ha
Pasture			-	2235
Silage - whole crop	300m ³ @	200 kgsdm/m ²	60,000	
Silage	100m ³ @	200 kgsdm/m ³	20,000	
TOTAL Silage	99kgsdm for 810 cows	Good supplement reserves	80,000	
Baleage -springers	6 bales @	220 kgsdm/bale	1320	

The silage on hand can be used to hold the round and meet cow requirements. There is also in shed feeding with a mix of barley and palm kernel.

STOCK ON HAND

Milkers	Milkers	Colostrums'	Springers	Total
418	310	20	67	815
51%	38%	2%	8%	100%

Cows are in good condition but there are still some of the younger herd with winter coats. It is suggested the lighter cows should go on to once a day milking now if we want them back in calf

RECOMMENDED YEAR ROUND GRAZING TARGETS

TargetPeriod	Oct-Nov	Nov-Feb	Feb-Mar	Mar-Apr	Apr-May	Apr-May
Targetdate				10-Mar	10-Apr	11- Apr
Roundlength	28	30	35	40	50	50
Hectares	300	280	280	280	300	300
Hectaresperday	10.7	9.3	8.0	7.0	6.0	6.0
Cowsinmilk	810	810	800	790	780	760
Cowsperha	2.7	2.9	2.9	2.8	2.6	2.5
Sqm'spercow/12hrs	66	58	50	44	38	39
Sqm'spercow/24hrs	76	87	100	113	130	127
Cows/ha/12hrs	151	174	200	226	260	253
Kgsdmpercow	19	18	17.5	17.5	18	19
Totalkgsdmrequired	15,390	14,580	14,000	13,825	13,650	14,060
Kgsdm/harequired	1436	1562	1750	1975	2275	2343
Grazingresidual	1550	1550	1550	1550	1550	1550
Pregrazingcover	2986	3112	3300	3525	3825	3894

The schedule below is target grazing rounds throughout the season. Need to plan ahead with the aim of achieving targets and fully feeding milkers.

Fertilizer

Target is to apply:**Non Effluent Area**

Aug -Sept	40kgs Nitrogen per ha from around mid August to early September.
Sept - Oct	30kgs Nitrogen post grazing mid September to mid October (until growth exceeds demand).
Oct - Dec	30kgs Nitrogen On 50% of farm per round from when grass growth exceeds demand. This is around mid to late October post mower(50% ha's grazed).
Dec - Feb	30kgs Nitrogen 50% of farm subject to growth rates & moisture.
Feb - April	30kgs Nitrogen 100% of farm to build wedge for autumn.
April - May	30kgs Nitrogen 100% of farm to keep growth going and set wedge for winter.

If Nitrogen is applied in moist conditions we hope to get the maximum benefit and response. This would mean to apply while raining or apply later in the evening to make the most of the evening dew. Use into ex feed wedge and growth rates to ID rate of Nitrogen as a tool to having target pre grazing covers that will meet cow requirements.



Coldstream Downs Dairy Farm

September 2014 Farm Report

*An Email from the Sharemilkers describing the new season so far,
Monday 15th September.*

Hello Everyone

Cows are milking 1.8kgms per day and production season to date is 1100kgms down to as at the same time last season and due to the late start in August.

We have had a great fortnight of growth and utilization.

A colder/wetter week is coming and we're being conservative on growth expectations. The usual bad weather for lambing and hail/snow for The Tour of Southland. We have 98 hectares still left to be grazed of the first round. We may finish the 1st round on the 27th of September.

The wedge shows a deficit of 50-100 kg on the pre-grazing covers, but the cows tell me different as residuals are 1650 and they're leaving feed behind on the cowshed.

We have managed to get started with cultivation on the grazed paddock of ex-kale. Summer turnips are planned.

Thanks

Gaucha Farms Ltd
Leo Pekar & Maricel Prado

September 2014 Farm Report

An Email from the Sharemilkers, Tuesday 30th September

Hi all.

It's the last day of September and mating is just around the corner.

We finished the first round of grazing yesterday. Covers are recovering well with seasonal average growths of 35-37kgdm per day.

Production is a bit disappointing at 1.9kgms per cow. We are still 3 weeks away from peak. Season to date we are 1200kgms down, but feeding half the amount of grain.

At the moment we are following Jack's recommendations regarding herd split, and will put more cows on once a day milking as soon as we get better covers towards the south track.

Calving has gone quite well. Very low losses, and the heifers have a great temperament & behaviour. We have halved the cow mastitis compared to previous seasons. We lost 11 calves (9%) overall and are in a good position to sell excess heifers on.

Somatic cell count has been the highlight of the month. Last week we recorded the 3 lowest somatic cell counts at Coldstream since we have been here. 102 was the lowest, and looking forward for a year with less mastitis. With the installation of the new teat wand I can categorically confirm it has made the difference. So, money well spent, from my point of view.

So far we have potentially saved:

- \$30,000 on fertiliser, through whole farm soil testing.
- Mastitis cost should bring savings of \$20,000.

Thanks

Gaucha Farms Ltd
Leo Pekar & Maricel Prado



Coldstream Downs Dairy Farm

October 2014 Farm Report

Interpreted information covering the feed supply & stock on hand taken from the Farmwise Report

COVER

	ACTUAL	TARGET
Average cover	2330	>2200
Pre graze	3100	3200
Post Graze	1600	1600
Growth	45	
Round Days	28	

Key

Kgdm = kgs of dry matter
 Kgms = kgs of milk solids
 Ha = hectare
 R1's = Rising 1 year olds
 R2's = Rising 2 year olds
 MA = Mixed age cows
 Total Farm Area = 350ha
 Effective area = 309ha

Area/Cover Summary					
Area	Total	Effective	Grass	Summer Turnip	Ex Crop
Existing Milking Platform	350	309	286.5	12.00	10.5

FEED SUPPLY

	286.5 ha's		kgdm	Kgdm/ha
Pasture			-	2330
Silage - whole crop	250m ³ @	200 kgdm/m ³	50,000	
TOTAL Silage	62kgdm for 810	cows	50,000	2330

Despite the very wet late spring the farm is still growing well. Two paddocks have been stepped over for supplements. It is a battle to control quality with the conditions too wet for pre mowing. Cows are being well feed on grass but later on quality may become an issue. We are unable to mow but Leo has done a good job in difficult conditions.

STOCK ON HAND

Milkers	Milkers	Colostrums'	Penicillin	Springers	Late	Dries	Total
345	383	70	0	4	0	0	802
43%	48%	9%	0%	0%	0%	0%	100%

Over all cow health and condition is quite good. It is better than it ever has been at this stage of the season and better than expected.

CROPPING & REGRASSING

Summer Turnips On Farm							
On Farm	Cow No's	Days	Kg/c/d	Kgs/cow	Total kgsdm	Kgs/unit	Ha's Needed
Turnips	800	35	4.0	140	112,000	9500	11.8

Need to sow turnips by mid October to allow 90 days to Maturity.

Wintering Feed Requirements							
On Farm	Cow No's	Days	Kg/c/d	Kgs/cow	Total kgsdm	Kgs/unit	Ha's Needed
Swedes	850	14	9.0	126	107,100	12,000	8.9
Baleage	850	14	4.0	56	47,600	200	238
Straw	850	14	0.00	0	0	220	0
			13.0				
Wintering Feed Requirements							
Off Farm	Cow No's	Days	Kg/c/d	Kgs/cow	Total kgsdm	Kgs/unit	Ha's Needed
Swedes	850	70	10	700	595,000	12,000	49.6
Baleage	850	70	4	280	238,000	200	1190
Straw	850	70	0	0	0	220	0
			14.0				

Target is to have crop paddocks back in grass in October. Summer crops grazed off by late February and new grass sown by 1st March 2015. Overlap in December new and old seasons crops.



Coldstream Downs Dairy Farm

October 2014 Farm Report

*An Email from the Sharemilkers describing the new season so far,
Thursday 30th October.*

Hello there

We have weighed and drenched the R2 heifer before mating. Although the wintering wasn't ideal, they are in very good condition. They are still holding on to some of their winter coat but all and all are in great condition. Their average weight = 283kg and daily Gain = 0.5 kg/day since we started feeding on crop back in May.

Hope you enjoy the pictures.

Thanks, Leo



Coldstream Downs Dairy Farm

November 2014 Farm Report

*An Email from the Sharemilkers describing the new season so far,
Wednesday 19th November.*

Hi all.

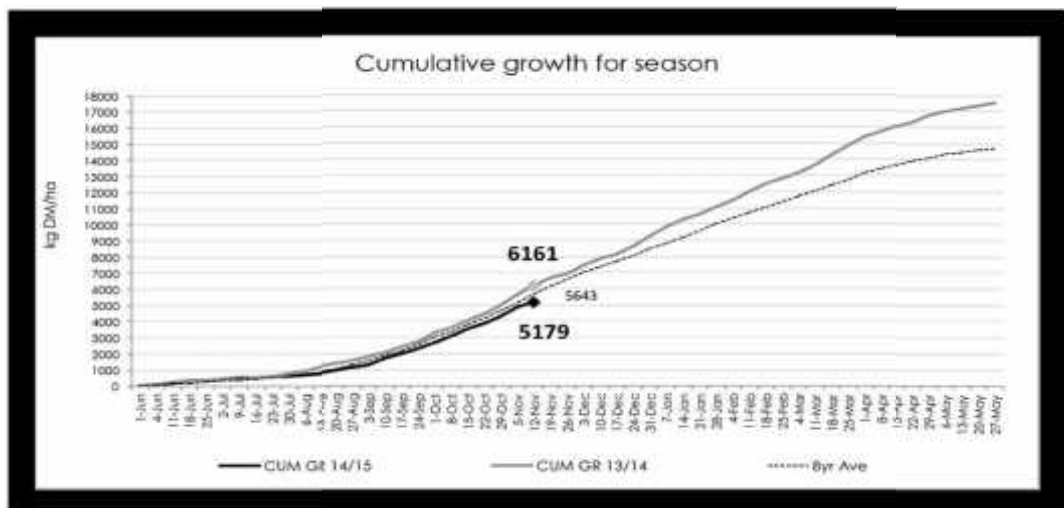
The season keeps challenging us. November has so far as been cold, wet, and lacking in sun.

So far this month we have had 4 nice days with one big nor-wester. The colour of the grass has changed to a reddish colour at the tips which is showing the stress the grass has been under in these wet conditions. These conditions are all around the district.

We have got 16 hectares saved and ready to cut into silage, but there is no window in sight of the weather picking up. Potentially a second cut of 24 hectares is planned, provided we keep growing above demand. So hopefully we are just delayed in making silage.

Our last farm walk is closer to the average in November growth. Actual is 75 while the average is 85+.

The graph below from the Southland Demo Farm shows 1000kgdm growth deficit season to date, compared to last year and 500kgdm season to date compared to average growth.



Production to date is 3rd on record, in line with previous 300,000 Kg MS seasons. Hopefully we can make some gains.

Mating is going well, with big fluctuations, we will drop 15-20 heats with southerly fronts, but we are still going to be very near 90 % submission rate.

Thanks

Gaucha Farms Ltd
Leo Pekar & Maricel Prado



Coldstream Downs Dairy Farm

Production 2014-2015 Season

303,000 KG MS

BUDGET						
Month	Target 2014-2015	2014-2015	2013-2014	2012-2013	2011-2012	2010-2011
June	0	0				
July	0	0				
August	7808	8513.2	9162.7	9691.6	7731.8	6427.5
September	35134	33430.0	34063.4	32439.1	30803.4	30429.5
October	45870	42876.0	45918.9	43626.9	44232.0	39418.7
November	42942	38941.6	44715.7	40484.6	41027.4	39344.9
December	38062		39311.6	37914.6	36065.4	33726.6
January	35753		36705.4	31765.0	29471.3	34289.6
February	30091		32085.8	27515.6	29505.6	28859.9
March	29279		34603.8	23002.2	30819.3	29463.0
April	23423		28251.5	13856.6	26290.4	24886.2
May	14639		20364.6	11143.8	21091.1	16825.7
Total	303,001	84819.2	325183.4	271440	297037.7	283671.6

Production is at 30th November 2014

Month To Date This Season 38941.6 kgms
 Month To Date Last Season 44715.7 kgms
Variance % 9.3 %down

Year To Date This Season 127,555.6 kgms
 Year To Date Last Season 138,148.7 kgms
Variance % 6.1 %down